Rice Situation

Economics, Statistics, and Cooperatives Service

U.S. Department of Agriculture

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TABLE 1.--ROUGH RICE AND MILLED RICE (ROUGH EQUIVALENT): MARKETING YEAR SUPPLY, DISAPPEARANCE, AREA AND PRICES, 1974-79 1/ *

YEAR BEGINNING AUG. 1	SUPPLY				DISAPPEARANCE										STATISTICAL DISCREPANCY 2/	ENDING STOCKS JULY 31
					DOMESTIC USE							EXPORTS	TOTAL DISAPPEARANCE			
					FOOD				BREWERS USE	SEED	TOTAL DOMESTIC USE					
	BEGINNING STOCKS	PRODUCTION	IMPORTS	TOTAL	CIVILIAN	MILITARY	SHIPMENTS TO TERRITORIES	TOTAL								
	MILLION CWT.															
1974/75	7.8	112.4	3/	120.3	22.4	0.2	6.0	28.6	8.4	4.0	41.0	69.5	110.5	2.7	7.1
1975/76	7.1	128.4	3/	135.5	21.6	0.2	5.9	27.7	9.1	3.5	40.3	56.5	96.8	1.8	36.9
1976/77	36.9	115.6	0.1	152.6	22.6	0.2	6.4	29.2	10.3	3.2	42.7	65.6	108.3	3.8	40.5
1977/78	40.5	99.2	0.1	139.8	17.8	0.2	5.6	23.6	9.8	4.3	37.7	72.8	110.5	1.9	27.4
1978/79 4/	27.4	133.8	0.1	161.3	28.4	0.3	4.0	32.7	11.0	4.3	48.0	76.9	124.9	4.8	31.6
1979/80 5/	31.6	135.3 (+,-5)		166.9 (+,-5)				34.2	11.9	4.4	50.5 (+,-2)	83.0 (+,-5)	133.5 (+,-6)		33.4 (+,-6)

YEAR BEGINNING AUG. 1	AREA			YIELD PER HARVESTED ACRE	AVERAGE PRICES			GOVT. PRICE SUPPORT OPERATIONS		
					FARM, ROUGH RICE	HOUSTON, MILLED RICE				
	ALLOTMENT	PLANTED	HARVESTED			LONG GRAIN	MEDIUM GRAIN	PARITY PRICE	TARGET PRICE	NATIONAL AVG. LOAN RATE
	- - - MILLION ACRES - - -			LBS.	- - - - - - - - - - - - DOLLARS PER CWT.- - - - - - - - - - -					
1974/75	2.1	2.6	2.5	4,440	11.20	22.05	19.90	11.60	---	7.54
1975/76	1.8	2.8	2.8	4,558	8.35	18.35	17.35	13.10	---	8.52
1976/77	1.8	2.5	2.5	4,663	7.02	14.95	14.10	13.60	8.25	6.19
1977/78	1.8	2.3	2.2	4,412	9.49	21.70	20.75	14.00	8.25	6.19
1978/79 4/	1.8	3.0	3.0	4,493	8.00	18.30	16.20	15.40	8.53	6.40
1979/80 5/	1.8	3.0	3.0	4,484	8.25-9.25			17.10	9.05	6.79

1/ CONSOLIDATED SUPPLY AND DISAPPEARANCE OF ROUGH AND MILLED RICE. CONVERTED MILLED RICE DATA TO A ROUGH RICE BASIS USING ANNUALLY DERIVED EXTRACTION RATES AS FACTORS. 2/ RESULTS FROM LOSSES IN STORAGE AND HANDLING AND ERRORS IN ESTIMATION. 3/ LESS THAN 50,000 CWT. 4/ PRELIMINARY. 5/ PROJECTED. *TOTALS MAY NOT ADD DUE TO INDEPENDENT ROUNDING.

THE RICE SITUATION

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Approved by the
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SUMMARY

Record Rice Supplies; Strong Demand Indicated for 1979/80

Encouraged by a brighter price outlook at planting time, U.S. rice growers seeded slightly more than 3 million acres in 1979. Aided by relatively favorable growing conditions, the 1979 rice crop is expected to total about 135 million cwt., slightly above last year's record. With beginning stocks of 32 million cwt., total supplies for 1979/80 are estimated at a record 167 million.

Even so, total 1979/80 disappearance—currently estimated at about 133 million cwt—could about match the 1979 production. Domestic offtake, supported by increased food use and another strong year for brewers use, should rise about 5 percent next year. In addition, increasing demand for quality rice in selected international markets and large sales to Korea mean another record year is likely for U.S. exports.

P.L. 480 shipments are expected to increase because of insufficient supplies in some developing countries that have high per capita rice use. Total P.L. 480 business in 1979/80, including shipments carried over from 1978/79, could be one-fifth above last year.

Ending stocks next August are expected to total around 33 million cwt., only slightly above the 1978/79 carryover. Free stocks of rice may increase modestly, while CCC inventory may decline by about 2 million cwt. from the 8 million on hand at the beginning of the year. CCC stocks are being used for export donation programs.

The farm price of rough rice in mid-August was $8.92 a cwt., about 50 cents higher than a year earlier. For the 1979/80 marketing year, rice prices should average between $8.25 and $9.25 a cwt., compared with $8.00 in 1978/79 and $9.49 the year before. In the first five months (August-December) of the marketing year, farm prices may average below the target price ($9.05), making allotment holders eligible for deficiency payments.

World rough rice production for 1979/80 is forecast at 375 million metric tons, down about 3 percent from 1978/79. A sharply reduced crop in India is the main reason for the decline. World rice trade in calendar year 1980 is expected to be only slightly below the 1979 level of 11.5 million tons. World rice consumption will likely exceed production, resulting in a drawdown in world stocks of 4 to 5 million metric tons.

DOMESTIC SITUATION AND OUTLOOK

Record Rice Crop Expected

Generally poor planting conditions got the 1979 U.S. rice crop off to a slow start. However, increased plantings in California and Arkansas, and a good growing season should result in rice growers harvesting the largest crop ever. As of September 1, the 1979 rice crop was estimated at 135 million cwt., surpassing the 1978 record of 134 million (table 1). Expected decreases in Texas, Louisiana, and Mississippi were more than offset by increases in Arkansas, California, and Missouri.

Encouraged by a favorable price outlook for the 1979 crop, rice growers planted a little over 3 million acres in 1979. Arkansas, with 1.2 million acres, accounts for 39 percent of the U.S. acreage. California planted 535,000 acres, 35,000 acres more than in 1978.

Total plantings of long grain rice in 1979 increased about 7 percent, mainly reflecting continued strong export demand for long grain. Arkansas planted more than 1 million acres to long grain, over half the U.S. total. Medium and short grain acreages were down from the 1978 levels. However, California, which grows only medium and short grain rice commercially, increased 1979 medium grain plantings by 65,000 acres.

1978/79 Ending Stocks Up But Lower Than Expected

Early in the 1978/79 marketing year it appeared that ending stocks on August 1, 1979 might reach an all time high of over 50 million cwt. However, a stronger than anticipated domestic and export demand pushed total disappearance to a record 125 million cwt., 13 percent above the previous season. Thus, August 1, 1979 ending stocks were reduced to 32 million cwt.—smaller than expected, but still 15 percent larger than last August.

Rice carryover by class August 1, 1978 and 1979

Class	Rough		Milled[1]		Total	
	1978	1979	1978	1979	1978	1979
	Million cwt.					
Long	9.6	11.1	2.9	4.7	12.5	15.8
Medium . .	9.3	10.7	1.7	1.5	11.0	12.2
Short	2.2	3.3	1.6	0.3	3.8	3.6
Total . . .	21.1	25.1	6.2	6.5	27.3	31.6

[1] Rough equivalent.

Less than 2 percent of these stocks were on the farm on August 1, while rough rice stocks at mills totaled a record of nearly 9 million cwt. Rice mills purchased larger than usual rough rice supplies late in the 1978/79 marketing year, probably due to anticipation of higher prices for the new crop.

The Commodity Credit Corporation (CCC) owned 8.1 million cwt.—3.0 million long grain, 5.0 medium, and 0.1 short—of the 31.6 million cwt., August 1 carryover stocks. CCC owned stocks of medium grain rice were down 1.8 million cwt. from last August. Long grain stocks were down by about a half million cwt., virtually all of which came out of stocks stored in Texas. The CCC stocks were used for P.L. 480 Title II donations. About two-

Planted acreage by State, 1977-79

State	1977				1978				1979			
	Long	Medium	Short	Total	Long	Medium	Short	Total	Long	Medium	Short	Total
	1,000 acres				*1,000 acres*				*1,000 acres*			
Arkansas . . .	692.0	129.0	19.0	840.0	917.0	151.0	32.0	1,100.0	1,060.0	115.0	25.0	1,200.0
California . .	—	141.0	169.0	310.0	—	300.0	200.0	500.0	—	365.0	170.0	535.0
Louisiana. . .	176.0	304.0	—	480.0	239.0	351.0	—	590.0	270.0	265.0	—	535.0
Mississippi . .	110.0	2.0	—	112.0	218.0	2.0	—	220.0	209.0	1.0	—	210.0
Missouri . . .	14.0	3.0	—	17.0	28.0	1.6	.4	30.0	32.0	2.7	.3	35.0
Texas.	481.0	21.0	—	502.0	540.0	20.0	—	560.0	515.0	15.0	—	530.0
U.S. total .	1,473.0	600.0	188.0	2,261.0	1,942.0	825.6	232.4	3,000.0	2,086.0	763.7	195.3	3,045.0

CCC Stocks by Class and State as of August 2, 1979

State	Long	Medium	Short	Total[1]
		1,000 cwt.		
Arkansas	687	150	—	837
Louisiana. . . .	271	940	—	1,211
Mississippi . . .	73	—	—	73
California . . .	—	2,392	100	2,492
Texas.	1,993	1,537	—	3,530
U.S. total . .	3,024	5,019	100	8,143

[1] Preliminary.

Source: ASCS.

thirds of the long grain stocks currently owned by CCC are stored in Texas, and about half of the medium grain stocks are in California.

The record 1979/80 supply of 167 million cwt. should not result in more than a 5 to 10 percent buildup in stocks by August 1, 1980 because the current outlook indicates higher domestic and export disappearance in 1979/80 than last season.

Domestic Use to Increase

Total domestic rice disappearance reached 48 million cwt. (rough) in 1978/79. Food and brewers use accounted for about two-thirds and one-fourth of domestic disappearance, respectively. Increased shipments of regular milled rice accounted for most of the disappearance for food use; however, parboiled rice shipments also showed a gain of about 9 percent.

Of the 33 million cwt. of direct food use, about 4 million was shipped to territories, the lowest level of territorial shipments since 1973/74. Short grain shipments to Puerto Rico declined sharply because a cargo ship used exclusively to move grain from California to Puerto Rico was out of service for about 6 months. The unavailability of the preferred short grain caused Puerto Rico to purchase more medium grain from the southern rice growing States to make up part of their needs. The California ship is now back in operation, and short grain shipments to Puerto Rico should return to around 6 million cwt. in 1979/80.

The erratic swing in civilian food use the past two marketing years may be related to inventory adjustments rather than to an actual change in consumer use. If the reported average civilian food use levels for the past two years are averaged, rice food use disappearance is about on trend. From August, 1977 to January, 1978 the price of milled U.S. No. 2 long grain rice f.o.b. mills increased from $7 to $9 a cwt. But when it became apparent that a record acreage was going to be planted in 1978, prices began to decline. At that point, wholesalers and retailers tended to reduce their high priced stocks, hoping to rebuild them later with lower priced rice.

Brewers use reached a new high of 11 million cwt. (rough) in 1978/79, up 12 percent from last year. The previous record—10.3 million cwt.—was set in 1976/77, when the average price for brewers rice fell to its lowest level in several years, encouraging use by beer processors. A similar situation occurred in 1978/79. Last season's record mill production resulted in an ample supply of brewers rice and kept the season's average price below 1977/78's. This, plus record beer sales, increased the volume of rice shipments to beer processors in 1978/79.

Total 1979/80 domestic rice use is currently projected to be up slightly to around 50 million cwt. If brewers use continues strong, it should account for about one-fifth of total domestic disappearance. The milling requirements needed to meet the 1979/80 disappearance should provide adequate supplies of brewers rice.

Exports This Season Likely To Exceed 1978/79 Record

Heavy early season shipments pushed rice exports to a record high of 77 million cwt. in 1978/79. The principal destinations—Iran, Indonesia, Saudi Arabia, Italy, Nigeria, and Iraq—accounted for over half the total.

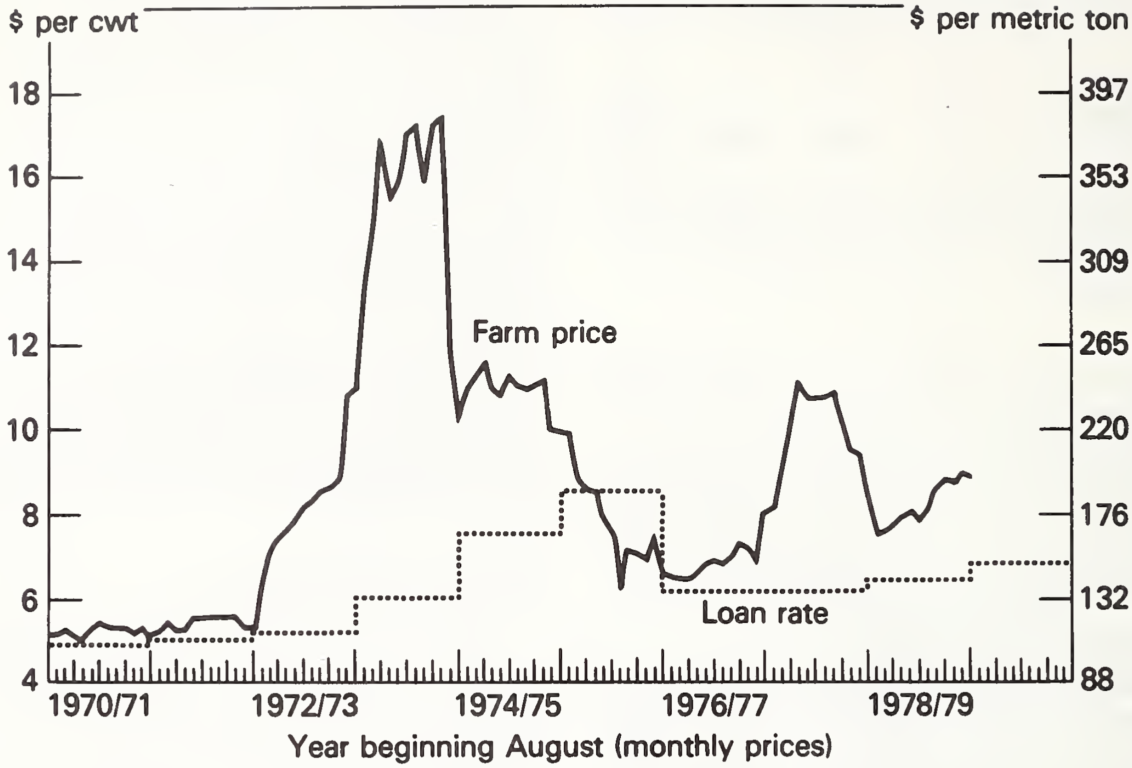
The key factor behind the record U.S. rice exports has been the strong commercial sales of high quality long grain milled rice and parboiled rice. Concessional sales were sizable in the past, but in 1978/79 P.L. 480 shipments accounted for only about 15 million cwt., their lowest level in several years.

U.S. rice exports in 1979/80 are expected to exceed the 2.4 million metric tons (milled basis) exported in 1978/79 by as much as 8 percent. This, reflects continuing growth in traditional markets, large sales to Korea, and a 15 to 20 percent increase in P.L. 480 shipments.

Prices Up After Early Season Slump

Responding to a record supply, a total disappearance outlook little better than in 1977/78, and an expected substantial carryover buildup, prices early in the 1978/79 marketing year declined to their lowest levels since 1976/77. As the year progressed, however, improved domestic and export demand caused rough rice prices at the farm level to climb steadily from a low of $7.56 per cwt. in September, 1978, to $9.10 per cwt. in July, 1979. Rough and milled long grain rice prices mainly held steady in the last quarter of 1978/79. Late season price strength for medium grain, especially in California, came in response to sizable sales to Korea and several P.L. 480 recipients.

Rough Rice Farm Prices and Loan Rates



The demand for high quality long grain white and parboiled rice in 1978/79 was evident in the trend of long grain milled rice prices. Prices hovered between $16.00 to $17.00 per cwt. in the fall of 1978, but rose to $21.00 to $21.50 by April, 1979 and remained at that level the rest of the marketing year. Increased domestic direct food use, mostly long grain, and strong long grain export demand were the major factors behind the price increase.

Given current domestic and export demand projections for 1979/80, rice prices should remain near the late 1978/79 levels despite record rice supplies. Farm prices are expected to average between $8.25 and $9.25 a cwt. in 1979/80, up slightly from last season's average of $8.00. Unless brewers use greatly exceeds the projected 8-percent increase in 1979/80, supplies should be adequate and brewers rice prices should fall within last year's range of $6.60 to $7.50 a cwt.

The early season price outlook suggests that the five month (August-December) average price may be below the $9.05 target price. Thus, deficiency payments would be made to growers on their rice production grown under allotment. The payment rate is expected to be lower than the 78 cents per cwt. paid in 1978/79.

WORLD RICE SITUATION[1]

Though the harvest of the rice crop in several major producing countries is yet to be completed, 1979/80 world rice production is forecast at 375 million metric tons about 3 percent below 1978/79's record of 385 million. Early season world weather and growing conditions have been generally favorable, especially in Bangladesh, Thailand, and China, but late season conditions have deteriorated prospects for crops in India and Indonesia.

World rice consumption during 1979/80 is projected to exceed production; consequently a

[1]Data on production are on a rough rice or paddy rice basis, while stocks, consumption, and trade data are milled basis. Stocks are an aggregate of different local marketing years and therefore do not represent world stocks at a fixed point in time. Stocks data are not available from some countries including Burma, China and others.

drawdown of 4 to 5 million metric tons in world rice stocks is expected.

World rice trade in calendar year (CY) 1980 is expected to be slightly lower than the 1979 level of 11.5 million tons. Imports by Indonesia, Iran, and Nigeria could be significant variables in the 1980 trade year. U.S. exports should exceed last year, based on a continued strong demand expected for high quality milled and parboiled rice, large shipments to Korea, and on increased P.L. 480 shipments.

Outlook for Principal Exporters

Thailand's exports are expected to be around 2.6 million metric tons in CY 1980, almost as large as 1979. This reflects continued high exportable surpluses resulting from larger beginning stocks and favorable crop prospects. Thailand's strong export position in 1979 and 1980 also reflects the easing of rice export regulations and rice reserve requirements policy. Thailand's rice reserve ratio which has been 0.5 metric ton for each ton exported, may be reduced to around 0.3.

Pakistan's rice stocks are up about one-fourth from last year. However, 1979/80 production may be down about 200,000 metric tons from last year's 4.9 million. Pakistan's CY 1980 exports are, therefore, expected to be down about 10 percent from last year's 1 million metric ton.

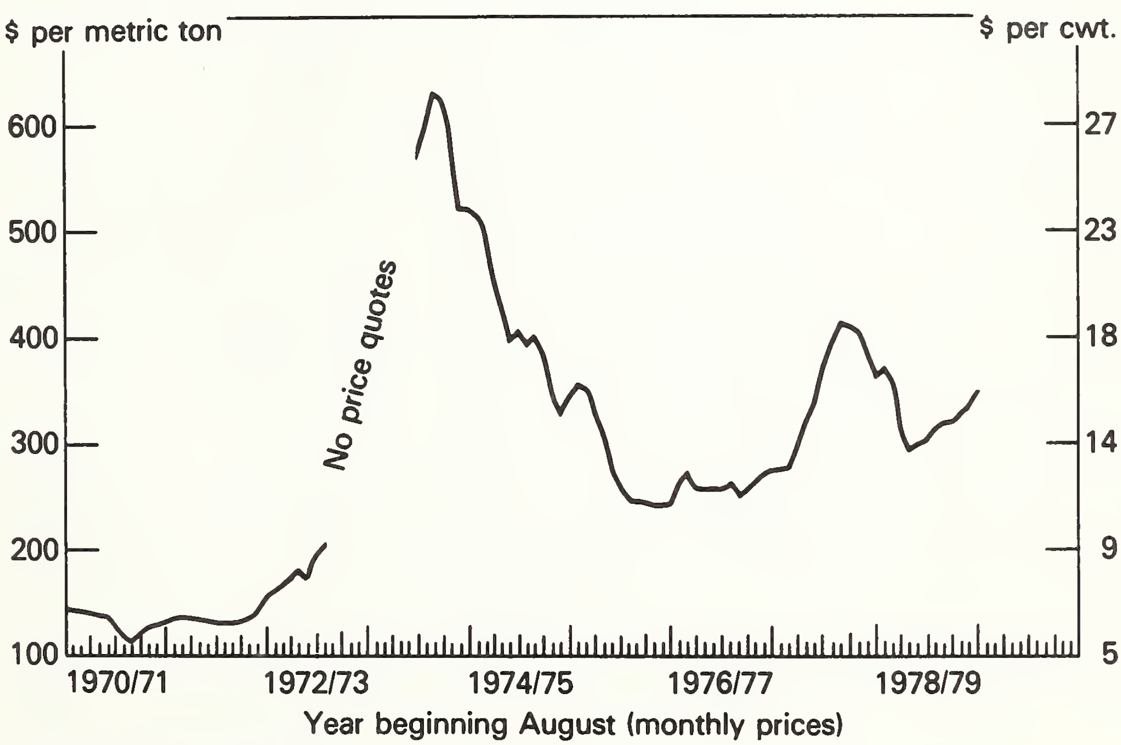
China's rice production has improved considerably from the early season outlook. The 1979/80 crop is now forecast at 139 million metric tons; up 2 million from last year. Good summer weather, greater use of fertilizer, and improved varieties are responsible for the increased production.

Exports in CY 1980 are expected to remain relatively unchanged from past years. However, due to concern about the mounting import debt, exports could be expanded if world rice prices strengthen.

Burma's rice crop is expected to fall short of the 10.5 million tons harvested in 1978/79 by up to 400,000 metric tons. Burma's calendar 1980 exports are projected at 400,000 tons, the same as calendar 1979.

Japan, in a continued effort to reduce its abnormally large stocks, will be actively seeking export markets in 1980. Sizeable sales have already been made to Indonesia, South Korea, and Bangladesh. Japan's 1980 exports are estimated at 600,000 metric tons, with Indonesia as one of the biggest customers. Bangladesh also is expected to continue importing rice from Japan.

Milled Rice: Thailand Export Prices*



*White 5% brokens, F.O.B. Bangkok.

Importers

Bangladesh's rice harvest expectation has improved from the early season outlook. Current projections now indicate a 1979/80 crop of 18.3 million metric tons, 1.2 million below the record 1977/78 harvest and 0.5 million under last year's crop. However, Bangladesh is expected to hold rice imports to 300,000 metric tons of rice in calendar year 1980 by increasing area planted to wheat, greater use of fertilizer, and more area planted to high yielding varieties.

Indonesia's 1979 crop is expected to fall short of the 1978 crop by over 1 million metric tons because of damage from insects and drought. Carryin stocks for the 1979 crop year total about 1.5 million tons, up nearly a million metric tons from the year before. Indonesia's calendar year 1980 rice imports are expected to be about 1.8 million tons, 500,000 below the year earlier level.

Iran's total rice imports in calendar year 1980 are expected to increase about 100,000 metric tons over 1979. Consumers in Iran have developed a strong preference for U.S. long grain rice. As a result, Iran should again be a top export market for U.S. rice next year.

Saudi Arabia's 1980 imports are projected to about match last year's 500,000 metric tons. A bouyant demand will enable U.S. exporters to expand sales in this growing market as the Government import rice subsidy tends to encourage purchase of more expensive grades of U.S. rice. U.S. parboiled rice exports to this country have increased markedly in the last few years.

Korea's crop condition has improved to the extent that the 1979/80 rice crop is now forecast at 8 million metric tons, 600,000 tons higher than last season's disappointing harvest. The small 1978/79 crop sharply reduced stocks causing Korea to reenter the world rice market. Purchases may exceed 400,000 metric tons in calendar 1979, with sizable imports from Japan, Thailand, and the United States. The current crop outlook suggests that Korea will likely reduce its rice imports in 1980.

World Rice Prices

After reaching their highest point since early in the 1974/75 crop year, world prices began a decline in the spring of 1978 and continued weak throughout 1978. Influenced by strong demand for quality rice and unexpected demand from Korea and Brazil, world prices began to rise early in January, 1979 and continued upward for the remainder of the 1978/79 crop year. Smaller world rice stocks, and calendar 1980 world trade prospects only slightly below 1979 could maintain world prices at or above last year levels.

TABLE 2. --ROUGH RICE: MARKETING YEAR SUPPLY AND DISAPPEARANCE, 1974-78 1/

YEAR BEGINNING AUG. 1	SUPPLY: BEGINNING STOCKS	SUPPLY: PRODUCTION	SUPPLY: IMPORTS	SUPPLY: TOTAL	DISAPPEARANCE: MILL USE	DISAPPEARANCE: SEED	DISAPPEARANCE: EXPORTS	DISAPPEARANCE: TOTAL	STATISTICAL DISCREPANCY 2/	ENDING STOCKS JULY 31
	1,000 CWT.									
1974/75	3,954	112,386	---	116,340	105,626	4,003	10	109,639	2,651	4,050
1975/76	4,050	128,437	---	132,487	95,818	3,500	10	99,328	1,814	31,345
1976/77	31,345	115,648	---	146,993	105,685	3,200	994	109,879	3,763	33,351
1977/78	33,351	99,223	---	132,574	101,219	4,300	4,059	109,578	1,868	21,128
1978/79 3/	21,128	133,840	---	154,968	117,961	4,300	2,773	125,034	4,796	25,138

1/ INCLUDES SUPPLY AND DISAPPEARANCE OF ROUGH RICE ONLY. 2/ RESULTS FROM STORAGE, HANDLING AND PROCESSING LOSSES.
3/ PRELIMINARY.

TABLE 3. --MILLED RICE: MARKETING YEAR SUPPLY AND DISAPPEARANCE, 1974-78 1/

YEAR BEGINNING AUG. 1	SUPPLY: BEGINNING STOCKS	SUPPLY: PRODUCTION	SUPPLY: IMPORTS	SUPPLY: TOTAL	DISAPPEARANCE: FOOD USE: CIVILIAN	FOOD USE: MILITARY	FOOD USE: SHIPMENTS TO TERRITORIES	FOOD USE: TOTAL	BREWERS USE	EXPORTS	TOTAL DISAPPEARANCE	ENDING STOCKS JULY 31
	1,000 CWT.											
1974/75	2,803	75,965	23	78,791	16,115	164	4,319	20,598	6,015	50,014	76,627	2,164
1975/76	2,164	67,440	31	69,635	15,288	151	4,130	19,569	6,391	39,783	65,743	3,892
1976/77	3,892	76,209	36	80,137	16,217	160	4,597	20,974	7,450	46,557	74,981	5,156
1977/78	5,156	70,176	47	75,379	12,524	122	3,911	16,557	6,826	47,649	71,032	4,347
1978/79 2/	4,347	83,427	49	87,823	19,935	193	2,841	22,969	7,836	52,435	83,240	4,583

1/ INCLUDES SUPPLY AND DISAPPEARANCE OF MILLED RICE ONLY. 2/ PRELIMINARY.

Table 4 .--Rice, rough equivalent: CCC operations and privately held stocks, 1970-78

Crop of	Placed under price support: Loans	Placed under price support: Direct purchases	Placed under price support: Total	Delivered to CCC 1/	At year end July 31: Total carryover	CCC stocks and loans outstanding: Stocks owned by CCC 2/	CCC stocks and loans outstanding: Under loan 2/	CCC stocks and loans outstanding: Total	Privately held ("Free") stocks 3/
					1,000 cwt.				
1970	20,787	733	21,520	3,528	18,634	9,329	138	9,467	9,167
1971	31,235	107	31,342	1,214	11,434	2,720	27	2,747	8,687
1972	22,926	---	22,926	1	5,139	148	---	148	4,991
1973	19,146	---	19,146	---	7,842	---	---	---	7,842
1974	9,256	---	9,256	---	7,058	---	4	4	7,054
1975 4/	21,477	1,781	23,258	19,187	36,875	19,187	---	19,187	17,688
1976 4/	23,425	608	24,033	8	40,501	18,610	5/111	18,721	21,780
1977 4/	19,557	---	19,557	---	27,398	10,772	---	10,772	16,626
1978 4/	27,117	---	27,117	---	31,618	8,143	---	8,143	23,475

1/ Includes direct purchases. 2/ May include small quantities of new-crop rice in last few years. 3/ Derived by subtracting CCC stocks and loans outstanding from total carryover. 4/ Based on operating reports, prior years based on fiscal reports. 5/ Under current loan 64,787 cwt.; under reseal 47,000 cwt.

Source: Agriculture Stabilization and Conservation Service, USDA.

Table 5.--Rice, rough: Acreage, yield and production, by States, 1978 and 1979

State	Acreage: Planted 1978	Acreage: Planted 1979 1/	Acreage: Harvested 1978	Acreage: Harvested 1979 1/	Yield per harvested acre 1978	Yield per harvested acre 1979 1/	Production 1978	Production 1979 1/
	- - - 1,000 acres - - -				- - Pounds - -		- 1,000 cwt. -	
Arkansas	1,100.0	1,200.0	1,090.0	1,190.0	4,450	4,450	48,505	52,955
California	500.0	535.0	499.0	534.0	5,260	5,550	26,248	29,637
Louisiana	590.0	535.0	587.0	533.0	3,820	3,900	22,425	20,787
Mississippi	220.0	210.0	215.0	205.0	4,250	4,200	9,138	8,610
Missouri	30.0	35.0	30.0	35.0	4,330	4,150	1,298	1,453
Texas	560.0	530.0	558.0	520.0	4,700	4,200	26,226	21,840
Total United States	3,000.0	3,045.0	2,979.0	3,017.0	4,493	4,484	133,840	135,282

1/ Preliminary.

Source: Crop Reporting Board, USDA.

Table 6.--Rice: Stocks, rough and milled, United States, for selected dates, 1975-79 1/

Year	Rough: On farms or in farm warehouses	Rough: At mills and in attached warehouses	Rough: In warehouses (not attached to mills)	Rough: In ports or in transit	Rough: Total all positions	Milled: At mills and in attached warehouses	Milled: In warehouses (not attached to mills)	Milled: In ports or in transit	Milled: Total all positions
	1,000 cwt.					1,000 cwt.			
	January 1					January 1			
1975	13,608	15,177	39,769	160	68,714	2,959	634	699	4,292
1976	24,713	14,597	51,736	---	91,046	2,259	1,522	785	4,566
1977	21,006	16,830	61,263	1,049	100,148	2,971	261	1,111	4,343
1978 2/	8,269	15,930	51,984	899	77,082	2,895	503	3,046	6,444
1979 2/	28,089	16,829	50,100	899	95,917	3,517	542	2,080	6,139
	April 1					April 1			
1975	2,902	10,579	20,823	24	34,328	2,961	22	1,286	4,269
1976	12,800	11,717	38,697	67	63,281	3,232	245	1,626	5,103
1977	6,761	15,326	45,266	1,022	68,375	3,161	260	2,265	5,686
1978 2/	3,157	14,323	34,675	900	53,055	3,611	994	2,861	7,466
1979 2/	14,381	18,158	34,161	820	67,520	3,979	282	2,444	6,705
	August 1					August 1			
1975	63	1,455	2,462	70	4,050	1,589	58	517	2,164
1976	657	5,850	24,829	9	31,345	2,380	271	1,241	3,892
1977	709	6,718	25,021	903	33,351	3,321	134	1,701	5,156
1978 2/	586	6,288	13,411	843	21,128	3,118	221	1,008	4,347
1979 2/	623	8,781	15,033	701	25,138	2,531	374	1,678	4,583

1/ These estimates do not include stocks located in States outside the major producing States of Missouri, Mississippi, Arkansas, Louisiana, Texas, and California.

2/ Preliminary.

Source: Crop Reporting Board, USDA.

Table 7.--Rice, U.S.: Rough milled, total milled production and yields, 1970-78

Year beginning August	Rough milled	Total milled produced 1/	Milling yields	Total heads produced 1/	Milling yields
	1,000 cwt.		Pounds per cwt.	1,000 cwt.	Pounds per cwt.
1970	77,325.6	56,870.0	73.55	49,533.4	64.06
1971	87,924.6	64,148.2	72.96	55,346.8	62.95
1972	85,389.0	62,325.3	72.99	53,880.3	63.10
1973	85,439.8	61,588.8	72.08	52,689.8	61.67
1974	105,626.1	75,965.2	71.92	64,639.9	61.20
1975	95,818.0	67,440.5	70.38	57,597.6	60.11
1976	105,685.5	76,208.5	72.11	63,900.4	60.46
1977	101,218.9	70,175.7	69.33	58,735.6	58.03
1978 2/	117,961.0	83,427.0	70.72	68,749.0	58.28

1/ Includes brown rice.

2/ Preliminary.

Source: Based on reports from the Rice Millers Association and San Francisco Rice Market News.

Table 8.--Rice, milled, U.S. No. 2 f.o.b. mills: Average price of head rice at selected milling centers, by months, 1976-79

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	Dollars per cwt. bagged												
	Southwest Louisiana, Long Grain 1/												
1976	14.70	13.85	14.00	13.75	13.60	13.25	13.50	13.95	15.65	16.45	16.25	16.25	14.60
1977	15.95	16.20	17.75	22.10	24.15	24.00	24.00	23.75	23.50	22.00	21.50	20.40	21.30
1978	18.75	15.75	16.15	16.25	16.40	16.30	16.75	18.60	21.50	21.50	21.50	21.50	18.40
1979 2/	21.50												
	Southwest Louisiana, Medium Grain 1/												
1976	13.70	12.85	13.00	12.30	11.90	11.25	11.70	12.20	14.10	15.60	15.50	15.25	13.30
1977	14.60	14.95	16.30	20.75	21.85	21.50	21.50	21.00	20.50	19.00	18.75	18.50	19.10
1978	16.90	14.50	14.50	14.50	14.65	14.15	14.00	14.85	16.50	16.50	16.50	17.50	15.40
1979 2/	19.40												
	California, Medium Grain 3/												
1976	16.80	16.80	16.60	16.60	16.60	16.60	16.60	16.60	16.60	17.00	17.30	17.40	16.80
1977	17.40	17.40	18.10	20.55	23.00	23.60	23.60	23.60	23.60	23.60	23.60	23.60	21.80
1978	21.50	20.55	20.10	19.75	19.75	19.75	18.25	18.40	19.50	20.75	21.00	21.00	20.00
1979 2/	22.50												
	California, Short Grain 3/												
1976	15.15	15.15	14.85	14.75	14.75	14.75	14.75	14.75	14.95	15.50	16.05	16.25	15.15
1977	16.25	16.25	16.65	19.20	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	20.35
1978	20.25	19.00	18.20	17.40	17.50	17.50	16.75	16.80	18.20	19.00	19.00	19.00	18.20
1979 2/	20.50												
	Houston, Texas, Long Grain												
1976	15.50	14.50	14.75	14.80	14.10	13.85	13.90	14.00	15.45	16.25	16.25	16.25	14.95
1977	16.05	16.50	18.30	22.60	24.15	25.00	25.00	24.10	23.25	22.10	21.75	21.50	21.70
1978	19.00	16.50	16.60	16.20	16.35	16.30	16.60	18.20	21.00	21.00	21.00	21.00	18.30
1979 2/	21.10												
	Houston, Texas, Medium Grain 4/												
1976	14.60	14.10	14.00	14.00	13.10	13.00	13.00	13.00	14.50	15.50	15.25	15.25	14.10
1977	14.95	N.Q.	17.05	21.30	23.35	23.50	23.50	22.75	21.60	20.80	19.75	19.50	20.75
1978	17.65	15.50	15.50	15.25	15.50	15.30	15.50	16.10	17.00	17.00	17.00	17.00	16.20
1979 2/	18.65												
	Arkansas, Long Grain												
1976	16.00	15.25	15.20	15.20	14.50	14.00	14.00	14.25	15.45	16.75	16.75	16.50	15.30
1977	16.15	15.95	19.00	23.10	25.00	25.00	25.00	23.50	23.50	23.15	21.60	20.55	21.80
1978	19.55	17.10	17.00	17.00	17.00	16.70	16.90	18.75	21.50	21.50	21.50	21.50	18.85
1979 2/	21.50												
	Arkansas, Medium Grain 4/												
1976	15.10	14.25	14.20	14.20	13.40	13.25	13.25	13.40	14.40	15.75	15.75	15.75	14.40
1977	15.30	15.20	17.75	21.95	23.50	23.50	23.30	22.50	22.25	21.70	20.40	19.50	20.55
1978	18.95	16.90	16.00	16.00	15.65	15.20	15.40	16.25	17.00	17.00	16.50	18.70	16.65
1979 2/	19.50												

1/ U.S. No. 2--brokens not to exceed 4 percent. 2/ Preliminary. 3/ U.S. No. 1. 4/ Mostly Nato. N.Q. = No Quote.

Source: Rice Market News, Agricultural Marketing Service, California.

Table 9.--Rice, rough: Monthly prices received by farmers, United States, 1972-79

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Season average 1/
	Dollars per cwt.												
1972	5.34	6.37	7.05	7.42	7.64	7.84	8.14	8.26	8.51	8.56	8.74	10.80	6.73
1973	10.90	13.30	14.80	16.70	15.50	15.80	16.90	17.20	15.90	17.20	17.50	11.90	13.80
1974	10.20	10.90	11.30	11.60	10.90	10.80	11.30	11.10	11.00	11.10	11.20	10.00	11.20
1975	9.83	9.19	8.87	8.59	8.51	7.95	7.54	6.17	7.15	7.06	6.82	7.45	8.35
1976	6.65	6.56	6.48	6.46	6.57	6.79	6.87	6.81	6.95	7.30	7.24	6.87	7.02
1977	8.02	8.12	9.13	10.20	11.00	10.70	10.70	10.70	10.80	10.10	9.58	9.49	9.49
1978	8.44	7.56	7.62	7.76	7.98	8.07	7.87	8.18	8.52	8.74	8.73	9.10	8.00
1979 2/	8.92												

1/ U.S. season average prices include an allowance for unredeemed loans and purchases by the Government, valued at the average loan rate, by States. Monthly prices do not include this allowance. California is excluded in the monthly averages but is included in the U.S. season average. 2/ Preliminary.

Table 10.--Rice: Monthly average price at Southwest Louisiana, 1975-79

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	Dollars												
	Milled, long-grain Second Head, per 100 pounds, bagged 1/												
1975	9.25	9.75	9.75	9.00	8.10	6.90	6.95	6.75	7.75	8.00	8.25	8.45	8.25
1976	7.00	6.80	7.05	6.80	6.75	6.15	6.20	6.25	6.50	6.95	7.25	7.25	6.75
1977	6.85	6.95	7.15	7.95	8.50	8.50	9.00	9.50	9.50	9.25	9.25	9.25	8.45
1978	8.90	8.50	8.50	8.50	8.50	8.15	7.90	8.00	8.25	8.25	8.25	8.25	8.35
1979	8.25												
	Rice Bran, f.o.b. mills, per ton 2/												
1975	64.00	68.00	60.60	69.40	87.00	92.50	71.50	68.00	62.00	54.85	60.50	62.50	68.40
1976	68.50	71.00	68.00	73.10	73.30	71.20	74.75	66.10	54.00	51.75	45.50	44.50	63.45
1977	42.10	33.10	31.90	51.90	62.50	58.00	53.25	51.90	38.75	41.50	60.90	61.60	48.95
1978	47.60	34.40	38.50	64.50	72.85	67.50	65.60	52.80	38.90	41.60	52.50	62.50	53.25
1979	58.00												
	Rice Millfeed, f.o.b. mills, per ton 2/												
1975	24.65	32.20	30.50	28.25	40.25	48.10	41.25	28.10	17.50	17.85	23.70	33.35	30.45
1976	23.90	22.10	22.50	30.90	38.35	25.25	25.25	19.10	14.50	11.25	11.00	9.50	21.15
1977	9.85	8.90	7.00	15.50	18.50	15.75	12.40	12.40	9.90	11.70	15.50	15.50	12.75
1978	13.25	6.40	8.10	19.50	24.15	24.10	23.00	18.15	8.50	NQ	NQ	17.15	16.25
1979	20.35												

1/ U.S. No. 4 or better. 2/ Prices quoted as bulk. NQ = Not Quoted.

Table 11.--Prices: Arkansas brewers rice and New York brewers corn grits, August-July , 1975-79

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Simple average
	Dollars per cwt.												
	Arkansas												
1975/76	7.10	7.40	7.50	6.60	6.20	6.25	5.75	5.80	5.80	5.85	5.85	5.75	6.30
1976/77	5.75	5.75	5.75	5.75	5.65	5.40	5.10	5.10	5.60	6.00	6.00	5.50	5.60
1977/78	5.50	5.50	5.50	5.50	6.50	6.90	8.00	9.55	9.10	9.00	9.00	8.70	7.40
1978/79	7.40	7.10	7.50	7.40	7.10	6.80	6.75	6.60	6.75	6.90	7.00	7.00	7.00
	New York												
1975/76	9.88	9.77	8.77	8.28	8.17	7.94	8.04	8.46	8.76	8.95	9.14	9.20	8.78
1976/77	8.97	8.91	8.28	7.62	7.80	7.80	7.92	8.05	8.02	7.72	7.59	7.11	7.98
1977/78	7.06	6.80	6.99	7.18	7.27	7.16	7.32	7.39	7.94	8.13	8.38	8.00	7.47
1978/79	7.63	7.47	7.43	7.59	7.76	8.10	NQ	NQ	NQ	NQ	NQ	NQ	7.66

NQ = Not Quoted.

SOURCE: Rice Market News and Milling and Baking News.

Table 12.--Rice: Value factors for computing support rates, and U.S. average loan rate, 1975-79 1/

Group and variety	1975	1976	1977	1978	1979
	Cents per pound				
National average loan rate	8.52	6.19	6.19	6.40	6.79
Head rice, whole kernels					
Long	14.41	10.75	10.90	11.25	12.18
Medium	13.16	9.25	9.40	9.75	10.43
Short	13.16	9.25	9.40	9.75	10.43
Broken rice, all classes	6.30	4.75	4.70	4.65	4.40
Premiums and Discounts					
By grades					
U.S. No. 1	+.05	+.05	+.05	+.05	+.08
2	0	0	0	0	0
3	-.15	-.15	-.15	-.15	-.15
4	-.30	-.30	-.30	-.30	-.30
5	-.50	-.50	-.50	-.50	-.50

1/ The method of computing 1975-79 crop rough rice basic support rates is the same as that used in prior rice programs except that under the new rice standards, rice is classified by size and shape of kernel rather than variety. The basic support rates are applicable to No. 2 rice and will be adjusted by the above premium and discounts for U.S. grades per lb. A further discount for location, to adjust for transportation costs of moving the rough rice to an area where competitive milling facilities are available will also be made for rice produced in certain areas.

Source: Agricultural Stabilization and Conservation Service, USDA.

Table 13.--Rice: World trade, production and stocks for 1976/77, 1977/78, 1978/79, and projected levels for 1979/80 1/

Country or region	Calendar years			
	1977	1978	1979	1980 estimate as of September 14
	Million metric tons			
Exports				
Australia	0.3	0.3	0.4	0.4
Burma	0.7	0.3	0.4	0.4
China	1.0	1.1	1.0	1.0
Italy	0.3	0.4	0.4	0.3
Pakistan	0.8	0.8	1.0	0.9
Thailand	2.9	1.6	2.7	2.6
All others	2.3	2.6	3.1	3.1
Total non-U.S.	8.3	7.1	9.1	8.7
U.S.	2.3	2.3	2.4	2.6
World total	10.6	9.4	11.5	11.3
Imports				
Bangladesh	0.4	0.0	0.6	0.3
EC-9	0.9	1.1	1.0	1.0
Hong Kong	0.3	0.3	0.3	0.4
Indonesia	2.0	1.8	2.3	1.8
Iran	0.6	0.3	0.5	0.6
Korea, Rep. of	0.1	0.0	0.4	0.1
Malaysia, West	0.2	0.4	0.3	0.3
Saudi Arabia	0.3	0.4	0.5	0.5
Singapore	0.2	0.1	0.2	0.2
Sri Lanka	0.5	0.2	0.2	0.2
All others	5.2	4.7	5.2	6.0
World total	10.6	9.4	11.5	11.3
	1976/77	1977/78	1978/79	1979/80 estimate as of September 14
	Million metric tons			
Production 2/				
Bangladesh	17.6	19.5	18.8	18.3
Burma	9.3	9.5	10.5	10.1
China	127.5	129.0	137.0	139.0
India	62.9	79.1	80.8	67.6
Indonesia	23.3	23.3	25.9	24.6
Japan	14.7	16.4	15.7	14.6
Korea, Rep. of	7.2	8.3	7.4	8.0
Pakistan	4.1	4.4	4.9	4.7
Thailand	15.8	15.0	16.3	16.5
Vietnam	11.8	11.3	9.9	11.0
Subtotal	294.4	315.8	327.1	314.4
Argentina	0.3	0.3	0.3	0.3
Australia	0.5	0.5	0.7	0.7
Brazil	8.0	7.5	7.8	9.0
EC-9	0.9	0.7	1.0	1.0
All others	40.6	40.9	41.8	43.2
Total non-U.S.	344.7	365.7	378.7	368.6
U.S.	5.2	4.5	6.1	6.1
World total	350.0	370.2	384.8	374.8
Ending Stocks 3/				
Total foreign	15.2	21.2	24.6	20.2
U.S.	1.3	0.9	1.0	1.1
World total	16.4	22.1	25.6	21.3

1/ Production is on rough basis; trade and stocks are listed as milled. 2/ The world rice harvest stretches over 6-8 months. Thus, 1978/79 production represents the crop harvested in late 1978 and early 1979 in the Northern Hemisphere and the crop harvested in early 1979 in the Southern Hemisphere. 3/ Stocks data are based on an aggregate of different local marketing years and should not be construed as representing world stock levels at a fixed point in time. Stocks data are not available for all countries and exclude those such as Burma and China.

Source: Foreign Agricultural Service, World Grain Situation: FG 15-79.

Table 14.--Rice, milled: U.S. exports of parboiled and brown rice by country of destination, average 1970-74, annual 1974-78 1/

Destination	Average 1970-74	1974/75	1975/76	1976/77	1977/78	1978/79
				Metric tons		
Parboiled rice:						
Canada	12,806	6,171	9,579	8,284	9,656	10,481
Belg.-Lux.	4,424	1,064	5,365	7,730	6,076	10,406
West Germany	30,141	36,540	56,763	51,870	31,964	15,212
Netherlands	4,645	2,109	6,878	15,062	10,054	7,265
Sweden	4,314	4,474	5,084	7,109	7,245	7,910
Switzerland	11,529	7,977	13,253	27,275	14,051	25,544
United Kingdom	12,791	6,529	7,378	8,331	4,560	12,294
Iran	944	4,718	---	13,922	4,990	---
Saudi Arabia	70,029	75,863	116,221	70,537	168,036	219,195
Liberia	22,482	11,174	18,319	13,861	25,911	27,485
Nigeria	1,939	2,814	11,667	117,713	132,122	150,813
South Africa	66,286	45,232	75,560	88,733	61,972	90,124
Sub total	242,330	204,665	326,067	430,427	476,637	576,729
Total parboiled	293,150	249,429	370,607	473,125	502,538	627,281
Brown rice:						
Canada	33,781	39,459	43,630	39,391	28,147	15,616
Belg.-Lux.	7,397	7,234	10,776	15,306	8,447	28,508
France	3,673	neg	1,547	3,515	4,303	3,600
Italy	neg	---	45,925	12,111	34,315	23,759
West Germany	17,144	12,256	14,897	10,648	29,570	13,402
Netherlands	13,538	13,724	47,995	33,510	13,535	18,508
Portugal	neg	---	36,594	55,412	12,082	57,850
Switzerland	1,248	4,475	1,153	10,923	13,548	20,473
United Kingdom	18,323	19,881	18,715	18,760	7,658	32,210
Indonesia	11,932	---	---	25,520	69,331	---
Liberia	4,576	5,959	6,016	6,996	5,358	3,657
South Africa	7,213	14,775	3,074	4,478	5,152	5,932
Korea, Rep. of	252,998	432,021	128,967	75,214	neg	39,331
Sub total	371,823	549,784	359,289	311,784	231,446	262,846
Total brown rice	482,298	574,645	445,862	353,852	238,017	282,361

1/ 1970-75 data on July-June basis; 1976-78 data on August-July marketing year.

Source: Foreign Agricultural Service, World Grain Situation. FG-15-79.

Table 15.--Rice: Export prices at Thailand by months, white f.o.b. Bangkok, 1975-79 1/

Crop year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Simple average
	Dollars per metric ton												
	100% 1st grade												
1975	382	391	385	359	345	316	278	275	270	270	264	266	317
1976	270	295	300	290	290	287	284	291	284	289	292	300	289
1977	306	306	306	321	352	368	402	425	440	438	432	414	376
1978	396	399	390	345	324	329	330	344	346	348	352	355	355
1979 2/	378												
	100% 2nd grade												
1975	368	376	370	344	330	296	261	260	260	260	254	256	303
1976	259	280	285	275	275	272	270	275	267	273	280	285	275
1977	290	290	291	307	338	352	388	410	425	423	418	399	361
1978	381	384	375	330	309	314	315	329	331	333	337	340	340
1979 2/	363												
	5% brokens												
1975	348	358	353	330	307	274	253	248	246	246	242	244	287
1976	243	266	270	259	258	259	257	261	252	257	264	272	260
1977	275	275	278	294	324	338	374	396	411	409	404	384	347
1978	366	369	360	315	294	299	300	314	316	318	324	327	325
1979 2/	349												

1/ Milled rice, includes export premium, export tax and cost of bags. Packed in bags of 100 kgs. net.

2/ Preliminary.

Source: Rice Market News. Agricultural Marketing Service, California.

Table 16.--Rice, rough: Acreage, yield and production in selected countries, annual 1977-79 1/

Region/country	Area			Yield			Production		
	1977/78	1978/79 2/	1979/80 3/	1977/78	1978/79 2/	1979/80 3/	1977/78	1978/79 2/	1979/80 projected as of September 3/
	--- Million hectares ---			--Million tons per hectare--			--- Million metric tons ---		
North America	0.9	1.2	1.2	4.95	5.05	5.03	4.5	6.1	6.1
United States	.3	.3	.3	4.14	5.05	5.67	1.3	1.6	1.7
Western Europe	.5	.6	.6	4.06	3.61	3.67	2.2	2.1	2.2
USSR									
Centrally Planned Asia									
PRC	36.2	36.0	35.8	3.56	3.81	3.88	129.0	137.0	139.0
South Asia									
Bangladesh	10.1	10.0	10.0	1.93	1.88	1.83	19.5	18.8	18.3
Burma	5.0	5.2	5.2	1.88	2.01	1.93	9.5	10.5	10.1
India	40.0	40.0	38.5	1.98	2.02	1.76	79.1	80.8	67.6
Pakistan	1.9	2.0	1.9	2.33	2.51	2.45	4.4	4.9	4.7
Near East and Other Asia									
Indonesia	8.4	8.9	8.7	2.79	2.91	2.83	23.3	25.9	24.6
Japan	2.8	2.5	2.5	5.94	6.18	5.80	16.4	15.7	14.6
South Korea	1.2	1.2	1.2	6.78	5.98	6.67	8.3	7.4	8.0
Thailand	8.6	8.6	8.6	1.74	1.90	1.92	15.0	16.3	16.5
Latin America & Caribbean									
Argentina	.1	.1	.1	3.26	2.96	3.00	.3	.3	.3
Brazil	5.2	5.8	6.4	1.44	1.34	1.41	7.5	7.8	9.0
Oceania									
Australia	.1	.1	.1	5.35	6.15	7.00	.5	.7	.7
Total above	121.3	122.6	121.1	2.64	2.74	2.67	320.8	335.8	323.4
Other countries & regions	22.1	21.7	21.4	2.23	2.26	2.41	49.3	49.0	51.4
World	143.4	144.3	142.5	2.58	2.67	2.63	370.2	384.8	374.8
World less United States	142.5	143.1	141.3	2.57	2.64	2.61	365.7	378.7	368.7
Major foreign exporters 4/	15.6	15.9	15.8	1.88	2.04	2.03	29.4	32.4	32.0

1/ Totals and averages based on unrounded data. 2/ Estimated and preliminary. 3/ Projected based on surveys, trends, and analysts' judgement. 4/ Includes Australia, Burma, Pakistan, and Thailand.

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OUTLOOK CONFERENCE SET FOR NOVEMBER 5-8

Agriculture in a World Setting is the theme of USDA's 56th annual Food and Agricultural Outlook Conference to be held in Washington, D.C., November 5-8, 1979.
Proceedings will focus on world agricultural production and trade prospects, the general economy, farm and food policy, nutrition, and the outlook for major U.S. commodities. One session will be devoted to food grains.
For a preliminary program or other information, call (202) 447-3050, or write:

Sally Michael
Outlook '80
Room 3506 South
U.S. Department of Agriculture
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Note: Registered participants at last year's outlook conference will automatically receive a preliminary program and other conference information.